

METHOD AND SYSTEM FOR ESTABLISHING LINK BIT RATE FOR INVERSE MULTIPLEXED DATA STREAMS

ABSTRACT

A system and method are provided for determining link characteristics
5 in order to calculate the optimal data rate because of a link failure. The
system includes a first unit (20, 22) at a first location coupled to one end of
each of a plurality of low capacity data links (28) for assisting in determining
the characteristics of each of the links (28), a second unit (22, 20) at the
second location coupled to the other end of each of the links (28) for assisting
10 in determining the characteristics of each of the links (28) based on the
characteristics of the test signal received at the second unit (22, 20), and a
processor coupled to the second unit (22, 20) for determining the optimal
transmission rate based on the characteristics of the links (28) and the number
of links (28) needed to provide the desired transmission rate.